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**TITLE:** RESIN COMPOSITION FOR CARBON FIBER COMPOSITE MATERIAL  
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**INVENTOR-INFORMATION:**

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**ABSTRACT:**

**PURPOSE:** To obtain a resin composition for carbon fiber composite materials, excellent in heat resistance, toughness, etc., by mixing an epoxy resin based on a hydantoin epoxy resin with 4,4'-diaminodiphenyl sulfone and a specified rubber component.

**CONSTITUTION:** The purpose resin composition for carbon fiber composite materials is prepared by using an epoxy resin (A) containing at least 50wt%

hydantoin epoxy resin with 4,4'-diaminodiphenyl sulfone (B) and a carboxyl group-terminated liquid butadiene/acrylonitrile rubber and/or a reaction product thereof (C) with an epoxy compound as principal components. Prepregs are formed by impregnating carbon fiber with the obtained resin composition and the prepregs are press-molded to obtain a carbon fiber composite useful as a structural material for aircraft.

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